

## **ABSTRACT**

A medical wireless capsule-type endoscope system comprises a swallowable wireless endoscope capsule (100A) and a portable image recording device (100B). The wireless endoscope capsule (100A) includes an image sensor (5), the first microprocessor (6) for transforming the image information into a compressed JPEG format, the first RF transceiver module (9) and an antenna (10). The portable image recording device (100B) includes an antenna (100F), the second RF transceiver module (13) and the second microprocessor (14). The system also includes a wireless terminal (100G) which is connected to a medical imaging workstation (100E) to exchange information between the system and the medical imaging workstation (100E).